

## **Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (currently amended) A method for creating at least a partially enclosed space and controlled environment for abatement of physical material within a preexisting structure, the enclosed space being based at least in part on structural elements of the preexisting structure comprising:

attaching at least first and second barrier sheet lengths comprising separate lengths of flexible polymeric film in ~~an~~ a sealed overlapping relationship to one another to a first surface of a first structural element of the preexisting space and attaching the overlapping barrier sheet lengths to a second surface of a second structural element of the preexisting space while at least partially covering an opening between the first and second surfaces for creating a barrier as part of an enclosure of a desired space with a controlled environment, said step of attaching at least the first and second barrier sheet lengths including using a holding system of each of the first and second barrier sheet lengths that ~~at least partially~~ extends over major surfaces thereof, wherein the holding system comprises an adhesive layer that substantially covers a major surface of ~~is present on~~ each of the first and second barrier sheet lengths including along at least an edge zone and an intermediate zone of the same major surface, so that the first barrier sheet length with the holding system is secured to the first surface of the first structural element at both the edge and intermediate zones and the second barrier sheet length with the holding system is ~~secured~~ adhesively sealed to an overlapping portion of the first barrier sheet length and the first surface of the first structural element.

2. (currently amended) The method of claim 1, wherein the holding system comprises pressure sensitive adhesive that is an acrylic adhesive ~~provided onto the edge and intermediate zones of the same major surface of the barrier sheet lengths.~~

3. (canceled)

4. (canceled)

5. (canceled)

6. (previously presented)The method of claim 1, wherein at least one barrier sheet length with pressure sensitive adhesive is adhered to more than one structural element of the preexisting structure.

7. (previously presented)The method of claim 1, wherein the barrier sheet lengths with pressure sensitive adhesive each comprise pressure sensitive adhesive provided in a substantially uniform manner over the major surface thereof, and the step of attaching that barrier sheet length to a structural element comprises adhering the barrier sheet length to the available surface of the structural component substantially uniformly.

8. (canceled)

9. (canceled)

10. (canceled)

11. (canceled)

12. (previously presented)The method of claim 1, wherein the first barrier sheet is adhered to at least a portion of a temporary structure of the preexisting structure.

13. (previously presented)The method of claim 1, wherein the first barrier sheet is adhered to at least a portion of a permanent structure of the preexisting structure.

14. (previously presented) The method of claim 1, wherein barrier sheet lengths are combined together and attached to the preexisting structure to create with the preexisting structure a substantially contained and enclosed space.

15. (previously presented) The method of claim 14, wherein at least a portion of one barrier sheet length covers an open area of the preexisting structure.

16. (previously presented) The method of claim 14, comprising steps within a method for removal of physical material from the enclosed space, wherein at least a portion of the preexisting structure with undesirable physical material is not covered with barrier sheet lengths so that physical material can be abated from the exposed preexisting structure.

17. (original) The method of claim 16, further comprising the step of removing physical material from the preexisting structure.

18. (currently amended) The method of claim 17, further comprising the application of a negative pressure of 0.02 inches of water within the enclosed space during the removal step while utilizing the holding systems of the first and second barrier sheet lengths to maintain billowing from the first and second surfaces of the first and second structural elements to less than 2 inches.

19. (currently amended) The method of claim 1, comprising attaching a target material over at least a surface portion of a structural element and subsequently securing at least one of the first and second barrier sheet lengths to the target material by at least one portion of the holding system as provided extending ~~along edge and intermediate zones of~~ over a major surface of a barrier sheet length.

20. (previously presented) The method of claim 19, wherein the target material includes a pressure sensitive adhesive for attaching to the surface of a structural element.

21. (currently amended) A method for the abatement of physical material from a preexisting structure comprising:
- a. providing a structure having at least one working surface of a first structural element bearing a physical material to be removed, and at least one non-working surface of a second structural element,
  - b. providing a plurality of barrier sheet lengths, each length of barrier sheet comprising a flexible polymeric film and that includes a holding system comprising an acrylic pressure sensitive adhesive layer that substantially covers ~~provided to extend along portions of is at least partially covered on~~ a major surface thereof, the holding system with removable pressure sensitive adhesive provided to ~~extend at least along~~ create an edge zone and an intermediate zone of the major surface as it is substantially covered by adhesive,
  - c. securing the holding system of a first barrier sheet length by contacting the adhesive of the first barrier sheet length to the one non-working surface of the second structural element and a non-working surface of at least one other structural element that is spaced from the second structural element, so that a layer of the first barrier sheet length is secured to plural non-working surfaces to form an enclosure with the working surface of the first structural element to isolate a space to contain the physical material for subsequent removal, ~~and then~~
  - d. securing a second barrier sheet length along side and in a similar direction as the first barrier sheet length by contacting adhesive of the edge zone of the second barrier sheet length with an overlapping portion of the first barrier sheet length and adhesive of the intermediate zone of the second barrier sheet length to at least the one non-working surface of the second structural element, and then
  - e. applying a negative pressure of 0.02 inches of water within the enclosed space while utilizing the holding systems of the first and second barrier sheet lengths to maintain billowing from the non-working surfaces of the structural elements to less than 2 inches.
22. (canceled)

23. (currently amended) The method of claim 21 22, wherein a plurality of additional barrier sheet lengths are attached to one another as well as to surfaces of at least one structural element for creating the barrier as part of the enclosure.

24. (original) The method of claim 23 in which the removable pressure sensitive adhesive is a substantially continuous coating.

25. (original) The method of claim 23 in which the non-working surface is at least one of a floor, a wall, or a ceiling.

26. (original) The method of claim 25 in which the non-working surface is a plurality of walls.

27. (previously presented)The method of claim 25 in which the non-working surface is a ceiling and the ceiling is not covered.

28. (canceled)

29. (original) The method of claim 26 in which the non-working surface is a floor.

30. (previously presented)The method of claim 29 in which the floor is covered with another length of barrier sheet that comprises one of an adhesive coated sheet and a sheet at least partially covered with a removable pressure sensitive adhesive.

31. (canceled)

32. (canceled)

33. (original) The method of claim 23 in which the enclosure further includes a non-adhesive coated flexible plastic film.

34. (currently amended) An enclosure for isolating and containing physical materials comprising a structure having at least one working surface on a first structural element bearing a physical material to be removed, and a plurality of non-working surfaces on other structural elements to which is secured a plurality of lengths of flexible barrier sheet material with at least a first length of barrier sheet material lengthwise overlapping with a second length of barrier sheet material, wherein each of the first and second length of barrier material comprises a flexible polymeric film and includes a holding system comprising an acrylic pressure sensitive adhesive layer that substantially covers ~~extending over at least a portion of~~ one of its major surfaces ~~at and~~ creates an edge zone and an intermediate zone, such that the working surface of the first structural element and the plurality of lengths of barrier sheet material extending between plural non-working surfaces together form at least part of the enclosure having a plurality of adhesively sealed seams created by overlapping portions of adjacent lengths of barrier material and adhesive provided on edge zones thereof.

35. (canceled)

36. (canceled)

37. (canceled)